## I THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** 

: Salman Akram

Serial No.

: 09/992,580

Filed

: November 16, 2001

Title

: DIE STACKING SCHEME

Docket

Art Unit

MIO 0072 VA

Confirm. No.: 9954

: 2815

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

February 11, 2002

**Assistant Commissioner for Patents** 

Washington, DC 20231

Sir:

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicant submits herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR \$1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

The above application is a division of U.S. Application Serial No. 09/804,421 filed March 12, 2002. Pursuant to §1.98(d), copies of those items cited by or submitted to the Office in the prior application are not being submitted, but are listed on PTO/SB/08A, a substitute for form 1449A/PTO.

Serial No. 09/992,580 Docket MIO 0072 VA

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in 37 CFR §1.491 in an international application.

Respectfully submitted, KILLWORTH, GOTTMAN, HAGAN & SCHAEFF, L.L.P.

By

James E. Beyer

Registration No. 39,564

One Dayton Centre One South Main Street, Suite 500 Dayton, Ohio 45402-2023 Telephone: (937) 223-2050

Facsimile: (937) 223-0724

JEB/amm Encl.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 of Sheet

Complete if Known		
Application Number	09/992,580	
Filing Date	November 16, 2001	
First Named Inventor	Salman Akram	
Art Unit	2815	
Examiner Name		
Attorney Docket Number	MIO 0072 VA	

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite Number - Kind Code <sup>2</sup> (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	us- 4,996,587	02/26/1991	Hinrichsmeyer et al.	
	us- 5,898,224	04/27/1999	Akram, Salman	2 2 2 4 4 2 2 2 2 2 2 2
	us- 5,994,166	11/30/1999	Akram et al.	
	us- 5,994,773	11/30/1999	Hirakawa, Tadashi	*>
	us- 6,005,778	12/21/1999	Spielberger et al.	
	us- 6,051,878	04/18/2000	Akram et al.	
	US- 6,081,023	06/27/2000	Murakami et al.	
	us- 6,087,717	07/11/2000	Ano et al.	
	us- 5,674,785	10/07/1997	Akram et al.	,
	US- 5,973,403	10/26/1999	Wark, James M.	<u> </u>
	us- 6,262,488	07/17/2001	Masayuki et al.	<u> </u>
	US- 6,265,771	07/24/2001	Ference et al.	<u> </u>
	us- 2001/0015485	08/23/2001	Song et al.	
	us- 6,316,727	11/13/2001	Liu, Hermen	
	us- 5,444,296	08/22/1995	Kaul et al.	
	us- 5,652,463	07/29/1997	Weber et al.	
	us- 5,808,878	09/15/1998	Saito et al.	1
	us- 5,952,611	09/14/1999	Eng et al.	
	us- 6,013,948	01/11/2000	Akram et al.	
	us- 6,020,629	02/01/2000	Farnworth et al.	4.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code 3 "Number 4" - Kind Code 5" (# known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		WO 97/37374 A2	10/09/1997	Herrell, Dennis J.	<u> </u>	<u> </u>
					Angelon distriction and the second	ļ
			and the second section of the second section of the second section of the second section of the			
		The states of the state of the	And the state of t	AND THE RESERVE OF THE PARTY OF		1-
		- A CONTRACTOR AND CO		A MARCON I A - AM A MARCON MAR		
		and the second s		Manager Service Commission of the Commission of		<b>-</b>
		The state of the s				

Examiner	Date
	Considered
Signature	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English Indicated in the document under WIPO Standard ST. 16 if possible. English language Translation is attached.

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Complete if Known Substitute for form 1449B/PTO 09/992,580 **Application Number INFORMATION DISCLOSURE** November 16, 2001 Filing Date First Named Inventor Salman Akram STATEMENT BY APPLICANT **Group Art Unit** 2815 (use as many sheets as necessary) **Examiner Name** 2 of Attorney Docket Number MIO 0072 VA Sheet

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Multi-Chip Module on Laminate, High-performance packaging for today's silicon", IBM Microelectronics, 1998	
~~~			
Shadded di Hondale quesquipe question			
	Principal State of the State of		
į			

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.